

Form PTO-1449 U.S. Department of Commerce
(REV. 7-92) Patent and Trademark Office

Atty. Docket No.
A31910-I - 072874.0171

Serial No.
10/656,356

**INFORMATION DISCLOSURE STATEMENT
BY APPLICANT**

DEC 27 2004

(Use several sheets if necessary)

Applicants
Hanash et al.

Filing Date
September 5, 2003

Group Art Unit
1641

U.S. PATENT DOCUMENTS

*Exam. Init.	Document No.	Date	Name	Class	Subclass	Filing Date if Appropriate
CW	5 7 4 1 6 5 4	04/21/98	Michel et al.	435	7.9	
	5 4 0 5 7 4 9	04/11/95	Polans et al.	435	7.23	
	5 3 1 6 9 1 5	05/31/94	Kraus et al.	435	7.95	

FOREIGN PATENT DOCUMENT

Document No.	Date	Country	Class	SubClass	Translator Yes No
0 0 3 9 5 5 7	07/06/00	WO			
9 9 0 0 6 7 1	01/07/99	WO			

OTHER DOCUMENTS (including Author, Title Date, Pertinent Pages, Etc.)

CW	Tockman et al., Cancer Res., 1992, 52:2711s-2718s.
	Kraus et al., Jnl. of Immunoassay, v13 (3), 1992, pp. 411-439.
	Miyachi et al., "Autoantibody to a Nuclear Antigen in Proliferating Cells", vol. 121, No. 6, Dec. 1978, pp. 2228-2234.
	Bachvaroff et al., "Appearance of cytoskeletal components on the surface of leukemia cells and of lymphocytes transformed by mitogens and Epstein-Barr virus", Proc. Natl. Acad. Sci. USA, vol 77, No. 8, Aug. 1980, pp. 4979-4983.
	Crawford et al., "Detection of Antibodies Against the Cellular Protein p53 In Sera from Patients with Breast Cancer", Int. J. Cancer 30, 1982, pp. 403-408.
	Wallner et al., "Cloning and expression of human lipocortin, a phospholipase A.sub.2 inhibitor with potential anti-inflammatory activity", Nature, vol. 320, Mar. 1986, pp. 77-80.

Examiner

Garry N. Muto

Date Considered

10/19/05

* Examiner: Initial citation considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not conformance and not considered. Include copy of this form with next communication to applicant.

NY02:506860.1

Form PTO-1449 U.S. Department of Commerce
(REV. 12-82) Patent and Trademark Office

Atty. Docket No.
A31910-1 - 072874.0171

Serial No.
10/656,356

Applicants
Hanash et al.

Filing Date
September 5, 2003

Group Art Unit
1641

**INFORMATION DISCLOSURE STATEMENT
BY APPLICANT**

DEC 27 2004

(Use several sheets if necessary)

62		Weber et al., "Repeating sequence homologies in the p36 target protein of retroviral protein kinsases and lipocortin, the p37 inhibitor of phospholipase A.sub.2 ", FEBS LETTERS, vol. 203, No. 1, Ju 1986, pp. 95-98.
		Saris et al., "The cDNA Sequence for the Protein-Tyrosine Kinase Substrate p36 (Calpactin 1 Heavy Chain) Reveals a Multidomain Protein with Internal Repeats", Cell, vol. 46, Jul. 18, 1986, pp. 201-212.
		Huang et al., "Two Human 35 kd Inhibitors of Phospholipase A.sub.2 Are Related to Substrates of pp60.sup.v-src and of the Epidermal Growth Factor Receptor/Kinase", Cell, vol. 46, Jul. 18, 1986 pp. 191-199.
		Tan et al., "PCNA/Cyclin: A Lupus Antigen Connected with DNA Replication", J. Rheumatol., Supp. 13, vol. 14, 1987, pp. 89-96.
		Ben-Mahrez et al., "Circulating Antibodies Against C-MYC Oncogene Product in Sera of Colorectal Cancer Patients", Int. J. Cancer 46, 1990, pp. 35-38.
		Sorokine et al., "Presence of Circulating Anti-c-myp Oncogene Product Antibodies in Human Sera", Int. J. Cancer: 47, 1991, pp. 665-669.
		Bandorowicz et al., "Annexins--multifunctional, calcium-dependent phospholipid-binding proteins", Acta Biochimica Polonica, vol. 40, No. 3, 1993, pp. 281-293.
		Swairjo et al., "Annexin Structure and Membrane Interactions: A Molecular Perspective", Annu. Rev. Biophys. Biomol. Struct. 23, 1994, pp. 193-213.
		Mao et al., "Detection of Oncogene Mutations in Sputum Precedes Diagnosis of Lung Cancer", Cancer Res. 54, Apr. 1, 1994, pp. 1634-1637.
		Liemann et al., "Annexins: a novel family of calcium- and membrane- binding proteins in search of a function", Structure, vol. 3, No. 3, 1995, pp. 233-237.
		Gourevitch et al., "Polymorphic epithelial mucin (MUC-1)-containing circulating immune complexes in carcinoma patients", Br. J. Cancer 72, 1995, pp. 934-938.
		Mills et al., "Detection of K-ras Oncogene Mutations in Bronchoalveolar Lavage Fluid for Lung Cancer Diagnosis", J. Natl. Cancer Inst., vol. 87, No. 14, Jul. 19, 1995, pp. 1056-1060.
		Takahashi et al., "Antibody to ras Proteins in Patients with Colon Cancer", Clin. Cancer Res., vol. 1, Oct. 1995, pp. 1071-1077.
		Peyrate et al., "Prognostic significance of circulating P53 antibodies in patients undergoing surgery for locoregional breast cancer", Lancet, vol. 345, Mar. 1, 1995, pp. 621-622.

Examiner

Gary N. ...

Date Considered

10/19/05

* Examiner: Initial citation considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not conformance and not considered. Include copy of this form with next communication to applicant.
NY02:506860.1

Form PTO-1449 U.S. Department of Commerce
(REV. 2-82) Patent and Trademark Office

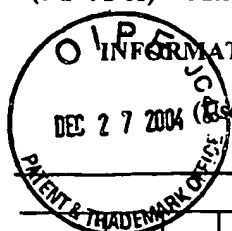
Atty. Docket No.
A31910-I - 072874.0171

Serial No.
10/656,356

Applicants
Hanash et al.

Filing Date
September 5, 2003

Group Art Unit
1641



Lubin et al., "Serum p53 antibodies as early markers of lung cancer", Nat. Med., vol. 1, No. 7, Jul 1995, pp. 701-702.

Yamamoto et al., "Detection of auto-antibodies against L-myc Oncogene Products in Sera From Lung Cancer Patients", J. Int. Cancer (Pred. Oncol) 69, 1996, pp. 283-289.

Soussi, "The humoral response to the tumor-suppressor gene product p53 in human cancer: implications for diagnosis and therapy", Immunol. Today, vol. 17, No. 8, pp. 354-356.

Travis et al., "United States Lung Carcinoma Incidence Trends", Cancer, vol. 77, No. 12, Jun. 15, 1996, pp. 2464-2470.

Benz et al., "Annexins: From Structure to Function", Biol. Chem., vol. 378, Mar./Apr. 1997, pp. 177-183.

Gerke et al., "Annexins and membrane dynamics", Biochemica et Biophysica Acta 1357, 1997, pp. 129-154.

Donnelly et al., "Annexins in the secretory pathway", Cell Mol. Life Sci. 53, 1997, pp. 533-538.

Mollenhuaer, "Annexins: what are they good for?", Cell Mol. Life Sci. 53, 1997, pp. 506-507.

Gao et al., "Distribution of p53 and K-ras mutations in human lung cancer tissues", Carcinogenesis, vol. 18, No. 3, 1997, pp. 473-478.

Old et al., "New Paths in Human Cancer Serology", J.Exp. Med., vol. 187, No. 8, Apr. 20, 1998, pp. 1163-1167.

Iizasa et al., "Serum anti-p53 autoantibodies in primary resected non-small-cell lung carcinoma", Cancer Immunol. Immunother. 46, 1998, pp. 345-349.

Stockert et al., "A survey of the humoral immune response of cancer patients to a panel of human tumor antigens", J. Exp. Med. 187, 1998, pp. 1349-1354.

Gure et al., "Human Lung Cancer Antigens Recognized by Autologous Antibodies: Definition of Novel cDNA Derived from the Tumor Suppressor Gene Locus on Chromosome 3p21.3", Cancer Res. 58, Mar. 1, 1998, pp. 1034-1041.

Cawley et al., "Anti-p53 Antibodies in Patients with Barrett's Esophagus or Esophageal Carcinoma Can Precede Cancer Diagnosis", Gastroenterology, vol. 115, No. 1, 1998, pp. 19-27.

Examiner

Gary Nickerson

Date Considered

10/19/05

* Examiner: Initial citation considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not conformance and not considered. Include copy of this form with next communication to applicant.

NY02:506860.1

Form PTO-1449 U.S. Department of Commerce
(REV. 2-82) Patent and Trademark Office

Atty. Docket No.
A31910-1 - 072874.0171

Serial No.
10/656,356

**INFORMATION DISCLOSURE STATEMENT
BY APPLICANT**

(Use several sheets if necessary)

Applicants
Hanash et al.

Filing Date
September 5, 2003

Group Art Unit
1641



Pencil et al., "Elevated Levels of Annexin I Protein in Vitro and In Vivo in Rat and Human Mammary Adenocarcinoma", 1998, Clin. Exp. Metastasis 16:113-121.

Davis et al., "Detection of Secreted and Intracellular Annexin II by a Radiomunoassay", 1995, Journal of Immunological Methods 188: 91-95.

Tsao et al., "Annexin I in Female Rabbit Reproductive Organs: Varying Levels in Relation to Maturity and Pregnancy", 1995, Lipids 30: 507-511.

William et al., "Differentiation of HL-60 Cells is Associated with an Increase in the 35-KDa Protein Lipocortin I", 1988, J. Cellular Physiology 137: 402-410.

Bastian et al., "Autoantibodies to annexins: a diagnostic marker for cutaneous disorders?", 1994, Journal of Dermatological Science 8: 194-202.

Pupa et al., "Antibody response against the c-erbB-2 oncoprotein in breast carcinoma patients", 1993, Cancer Research 53: 5864-5866.

Examiner

Gary Miller

Date Considered

10/19/05

* Examiner: Initial citation considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not conformance and not considered. Include copy of this form with next communication to applicant.

NY02:506860.1